Dune HD Max

Dune HD Max front view

Dune HD Max back view

MyMediaStreamer.com Product of the year 2010

HDTV.ru (Russia) Best Buy

HD Land (France) Award

HDfever.fr (France) Award

1e2.it (Italy) Best Buy 2010-2011

Lesnumeriques.com (France)

Mundobip.com (Spain) Recomendato

Real World Labs Editor's Choice Award

HDplayerThailand.com (Thailand) Best of the Best HD Player Award 2010-2011

Satvision (Germany)
Test winner

HDCLUB (Ukraine)
Editor's Choice 2010

Stereoplay (Germany)
Test winner

Benchmark.pl (Poland)
Super Product

in4.pl (Poland)
Recommended

nl.hardware.info

Digital Testsieger

Introduction

The new top-of-the-range model. Universal all-in-one solution to play video up to Full HD (1080p), combines in one case: universal HD media player and the up-to-date Blu-ray player.

Dune HD Max features the powerful modern Sigma Designs SMP8642 video processor, and a built-in silent optical drive that allows the Dune HD Max to play anything from CDDA to DVD and Blu-ray disks. The player also has a 3.5" SATA HDD rack with hot-swap support, an SD card slot, and 3 high-speed USB 2.0 ports to connect external storage and extension modules.

One of the main features that distinguishes this media player from its competitors is its special compartment for extension boards. The compartment is located behind a panel at the rear of the media player. Up to 2 boards can be installed simultaneously.

The new device justifiably promises to be as successful as its predecessors in the 3.0 series, which won all possible industry awards, and came out top in all the comparative tests conducted by different high-profile technology publications around the world. The Dune HD Max supports practically all audio and standard

and high-definition video formats. It is compatible with all types of "high-definition" sound formats (Dolby TrueHD, DTS HD Master Audio etc.), and plays DVD and Blu-ray discs and images with ease. Special notice should be taken of the extremely fast networking speed, the IPTV and Internet Radio functions, as well as the built-in torrent client and Internet browser, not to mention the constant product development with firmware upgrade possibility.

Key Features

- **The newest Sigma Designs 8642 media processor:** enjoy excellent playback and performance of interactive features.
- **Blu-ray and DVD player:** play Blu-rays and DVDs (plus Audio CD and data discs with video/music/photo files).
- **HDD player:** connect an HDD to the player and play content directly from the HDD.
- **Network player:** connect the player to a local network and play content directly from PC or NAS (UPnP, SMB, NFS).
- **MKV player:** play HD and SD video in a popular MKV format and other modern video file formats, including top quality HD video with very high bitrate.
- **RealD:** watch 3D video in this ultra modern format used in cinema for the latest movies.
- **HD audio:** enjoy top-quality audio tracks (Dolby True HD, DTS HD Master Audio, LPCM, FLAC).
- **3 USB ports:** conveniently connect HDDs, USB flash drives, USB card readers and other USB storage devices.
- **HDD rack with hot swap function:** easily and quickly insert and exchange internal 3.5" SATA HDD.
- **SD card slot:** easily play media files on SD memory cards from your camera or other devices, or use an SD memory card as a local or system storage (required for BD Live function).
- **HDMI 1.3:** ensure the best possible quality of HD video and HD audio.
- **A rich set of standard A/V connectors:** use S/PDIF optical audio, stereo audio, component video, composite video outputs to easily connect any A/V equipment.
- **Extended support for Dolby True HD and DTS HD Master Audio:** output bitstream (up to 7.1 channels) or decode to LPCM (up to 7.1 channels) for maximum flexibility when connecting audio equipment, and for extended support of advanced playback features (such as Picture-in-Picture).
- **Video output flexibility:** output video in any resolution and format (from SD to 1080p, 24p/PAL/NTSC).
- **Upscaling:** high quality upscaling of DVD and any other SD video content to Full HD (1080p) or other HD resolution.
- **File browser:** convenient file browser with powerful file management (copy, move, delete, rename, organize, sort).

Extra Functions

- **High-quality music playback:** play very high-quality (up to 192 Khz / 24-bit) music files in various formats (FLAC, Monkey's Audio APE, WAV/PCM, DTS, etc).
- **Playlists:** build playlists from your folders, use your own playlists, use repeat and shuffle functions.
- **NAS function:** access files on storage devices (HDD, optical drive, etc) attached to the player from the local network (using SMB or FTP).
- **BitTorrent:** use built-in BitTorrent client to download files from P2P networks.
- **Customizable user interface:** work with media collections using cover art and icon browsing (with Full HD graphics).
- **Flash applications:** extend the player functionality with FlashLite applications.
- **Internet radio:** playback and record various Internet radio stations (HTTP/MP3).
- **IPTV:** playback and record IPTV streams (multicast UDP/RTP) from your Internet provider (check availability of multicast UDP/RTP streams with your Internet provider).
- **Digital TV option:** playback and record Digital TV channels using an optional Digital TV USB dongle (Digital TV USB dongle is not included; this option can be purchased separately).
- **Internet browsing:** view Internet Web sites on your TV using the built-in Web browser (built-in Web browser has limitations and may not allow to view some Internet Web sites).

Specification

- **Processor:** Sigma Designs 8642
- **RAM:** 512 MB
- **Flash memory:** 256 MB, expandable with a HDD partition, USB flash drive, or SD card (2GB recommended)
- **Media sources:** internal HDD (SATA 3.5”), built-in Blu-ray drive, external HDD (USB), external optical drive (USB), USB devices (USB flash drive, USB card reader, etc), built-in SD card reader (SD/SDHC), PC and NAS in local network (SMB, NFS, UPnP, HTTP), other Internet and local network media sources (HTTP, multicast UDP/RTP)
- **Video codecs:** MPEG2, MPEG4, XVID, WMV9, VC1, H.264; support for very high bitrate video (up to 50 MBit/s and higher)
- **Video file formats:** MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, QT, ASF, WMV, Blu-ray-ISO, BDMV, DVD-ISO, VIDEO_TS
- **Optical disc formats:** data discs (CD/DVD/BD) (MP3, JPEG, etc), Audio CD (PCM/DTS), DVD-Video (retail and user-authored discs), Blu-ray (retail and user-authored discs)
- **Blu-ray playback:** Blu-ray menu, BD-J, BonusView, BD-Live – for both Blu-ray discs (retail and user-authored) and full Blu-ray structures (Blu-ray-ISO, BDMV) played from HDD and network
- **Video output modes:** wide range of supported output resolutions (up to 1080p) and framerates (including 23.976p, 24p, PAL, NTSC)
- **Video output framerate:** automatic (according to the played content) and manual
- **Audio codecs:** AC3 (Dolby Digital), DTS, MPEG, AAC, LPCM, WMA, WMAPro, EAC3 (Dolby Digital Plus), Dolby True HD, DTS HD High Resolution Audio, DTS HD Master Audio, FLAC, multichannel FLAC, Ogg/Vorbis; support for very high quality audio (up to 192 kHz / 24-bit)
- **Audio file formats:** MP3, MPA, M4A, WMA, FLAC, APE (Monkey’s Audio), Ogg/Vorbis, WAV, DTS-WAV, DTS, AC3, AAC
- **HD audio support:** pass-through (up to 7.1 channels) and decoding (up to 7.1 channels) of Dolby TrueHD and DTS HD MA audiotracks (Blu-ray, TS, MKV), pass-through (up to 7.1 channels) of multichannel LPCM audiotracks (Blu-ray, TS, MKV), decoding (up to 7.1 channels) of FLAC audiotracks (MKV, external)
- **Subtitle formats:** SRT (external), SUB (MicroDVD) (external), text (MKV), SSA/ASS (MKV, external), VobSub (MP4, MKV, external SUB/IDX), PGS (Blu-ray, TS, MKV)
- **Picture file formats:** JPEG, PNG, BMP, GIF
- **Playlist file formats:** M3U, PLS
- **Photo viewer functions:** slideshow, transition effects, picture rotation, zoom, browse playlist, repeat, shuffle
- **Audio playback functions:** browse playlist, repeat, shuffle, ID3 tags, plasma TV burn-in prevention
- **Filesystems:** FAT16/FAT32 (read-write), EXT2/EXT3 (read-write), NTFS (read-write)
- **Ethernet:** 10/100 Mbit (with 1000 Mbit/s experimental support) *
- **WiFi:** optional 802.11n WiFi (via an external USB WiFi stick, not included, Dune HD Air recommended)
- **Dune Network Playback Accelerator:** special optimizations ensuring best-in-class network playback performance for the Sigma Designs 864x platform and enabling smooth playback of any supported kind of media content via any network protocol (including NFS and SMB) even in 100 Mbit/s Ethernet networks.

Package Contents

- Dune HD Max media player
- Remote control (batteries may not be included)
- Power supply cord
- AV cable
- HDMI cable
- Quick start guide
- Additional items (optional) may be included into the package, depending on player configuration, region, and distributor

Dimensions

- Player itself without legs: 429 mm (width) x 299 mm (depth) x 56 mm (height)
- Player itself with legs: 429 mm (width) x 299 mm (depth) x 65 mm (height)
- Gift box: 140 mm x 360 mm x 500 mm

Weight

- Net weight: 4.25 kg
- Gross weight: 5.75 kg

Country of origin

Taiwan

Warranty

Two-year warranty.

MSRP

- USA: 469 USD
- EU, with VAT: 469 EUR

Hi-res pictures

Hi-res Dune HD Max pictures

User manual

Dune HD Max user manual

Adding new features

You can vote for the features which have the biggest priority for adding to Dune players according to your opinion. We promise to take into account the result of this voting in our work on the new firmware releases.
Features voting

Firmware

Dune HD Max Firmware

Notes

- * 1000 Mbit/s support is experimental since it is not officially supported by Sigma Designs 864x chips, may not work properly depending on a particular network environment and usage kinds, and is not generally recommended. Dune Network Playback Accelerator feature ensures smooth playback of any supported kind

of media content (including BDMV and BD-ISO) via any network protocol (including NFS and SMB) even in 100 Mbit/s Ethernet networks.

- Compatibility of the player with a particular equipment (A/V equipment, network equipment, disk drives, etc) may depend on particular equipment model, specifics of equipment installation, specifics of the configuration of the player and equipment, and other factors; compatibility of the player with any equipment is not guaranteed.
- Compatibility of the player with a particular media content (files, discs, etc) may depend on specifics of media content encoding, specifics of the configuration of the player and player-connected equipment, and other factors; compatibility of the player with arbitrary media content is not guaranteed.
- Product images may be imprecise and may have some differences in comparison with the real look of the product.
- Accuracy of the information is not guaranteed; specifications are subject to change w/o notice.